

Abstract

An engine control system controls engine torque to transition through the transmission and driveline's lash zone. The transmission and driveline's lash zone is indicated using
5 information of the speed ratio across the torque converter. This information is then supplemented with information of the driver's request and vehicle speed so that engine torque is adjusted at various predetermined rates based on current operating conditions. As such, the system can reduce undesired
10 drive feel that otherwise may occur as the system passes through the transmission and driveline's lash zone. By limiting the change of torque in this way, driveability, while at the same time maintaining acceptable performance response.